Boiler Test Equipment Rental
(Preliminary Budget Price Sheet)

Clean Air   1/20/2003

Intermountain Power Service Corp
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850 W Brush Wellman Road
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Intermountain Generating Station- coal fired, 2 units- 875 MW gross each

Parameters	Analyzer:	Principle	Range	$/month	# Units	# Months	Total	Discount*
NOx- NO- NO2	TECO 42H NO-N02-NOx	Chemiluninescent	0- 500 ppm	$2,200	3	3	$19,800	$17,600
CO	TECO 48C CO	GFC NDIR	0- 500 ppm	$2,200	3	3	$19,800	$17,600
O2	Servomex 1420B O2 Analyzer	Paramagnetic	0- 25%	$1,035	3	3	$9,315	$8,280
CO2	Servomex 1415B O2 Analyzer	NDIR	0- 25%	$1,035	2	3	$6,210	$5,175
Data Acquisition	ESC Model 8816 Data Logger/Controller			$1,630	1	3	$4,890	$3,260
	Polling PC- laptop, DAS Software- Drifttrend				12		$60,015	$51,915

*Discount (multi-month)- One free month of rental if shipped by February 1st and guarantee a 2 month rental
Shipping and handling of test equipment will be additional costs

Note: Intermountain Site Elevation is 4816'
         Gas flow supplied by an external pump (need to bypass internal sample pump)
         Data logger channel inputs need to be programmed to record 2-O2, 2-CO2, 2-CO & 2-N0x (30 sec collection intervals)

Test Technician: $/hour + actual expenses   Work Rate: $140/ hour   Mobilization/ Demobilization
                                                                          4 days $ 4,480 4 days $ 4,480   Est Total $ 8,960
Request technical support for setting up and checking out the test analyzers and data collection system
2 days on pre-test on 2/17-18/2003 and 2 days post-test again on 3/27-28/2001
plus support as needed (if problems) through the testing periods

                                                                                                                                    Grand Total $60,875

Test Schedule:
IGS Unit 1 Pre-Outage   2/19- 20/ 2003
IGS Unit 1 Post-Outage: Tuning and Diagnostics   3/31- 4/11/ 2003
IGS Unit 1 Post-Outage: Burner/ OFA Testing   4/14- 18/ 2003

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